September 18, 1961

# **Aviation Week**

and Space Technology

A McGraw-Hill Publication

USAF Trains For Non-Nuclear Warfare in Libya

Handley Page 115 Research Aircraft





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#### AVIATION CALENDAR

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MLY THE BULBED CHEERYLOCK RIVET CIVES YOU ALL THESE ADVANTAGES

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## for Air and Space



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#### PERMITS REMOTE ELECTRICAL RELEASE





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#### Versatile new Solar T-350 gas turbine does more jobs more efficiently





### Strong steel skin for the Skybolt

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Arrorett Quality Steels are accurately controlled during production to meet military specifications. United States Steel, 525 William Penn Place. Pritiburgh 30, Pe. USS is a registered trademark.

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**United States Steel** 





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recent effects an our 46 years of service so all branches of the arrest forest FORD INSTRUMENT CO.



### RYAN FIREBEES

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-1961 (Oct 16-26). This is the third "energy" set target to challenge the

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AFROSPACE

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Texaco reports on Local Airline Service for business and pleasure

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Vacationers present for time, yet with a wan to do "normsthing different" should take a close look at what many of the For example, travelers actually pan for gold north of the Arctic Circle on Wien Alaska's "Polar Sca" tour Cardova Airlises also fly modern day gold sockers to the "Elondske" on their Dawson City Sourceach Tours, And amateur naturalleds our watch the arrows sent reference first-hazel-if they get to the Pribile's via Regre Aleutian Airlines during

Local carriers test deaptown air service

Representation in a heavy may soon be able to take-off and land alreast certain their dewnfown offices-if experiments now underway by neutral local carriers processed. scheduled belieupter service in the Washington-Bultimure area. Allegheny plans take-off and landing points in downtown Washington and at four local sirports. Lake Central Airlines is opposite testing the Vertal 207 (Vertical Take,Off stiting the heneft of this experiment are; Washeneton, Pittsburch, Caveland, Detroit, Teleda, Davias, Indianacolla, Lafavette and Chicaro, Ellis Air Lians in Alaska already offers its own kind of downtown to downtown

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LOCKHEED COMPANY

## **Aviation Week**

#### Vol. 75, No. 10 ... Space Technology

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#### EDITORIAL

#### The Military Space Role-II

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#### Technological Divergence

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#### Unified Effort Required

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-Robert Hote



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Convention Problems

#### Saturn Booster Awards Are Due This Year

NASA asks 37 firms to first hidders' meeting Sept. 26; +C4, the SI bester topped by two-contract project could be a billion-dollar effort.

By Edward H. Kolema Washington-Contracts to brold and test two Satura booster conferen

former on the S4B stars is being scheduled in Octoberthe right-curve booster state. NASA, for the STR store, and mobile will

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#### Prospective Saturn Bidders Listed

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#### Top Contenders for Nova Contract

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#### Global Surveillance

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#### Germany May Order JetStar Trainers

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NASA Plans 10-12 Man Space Station 10 to 12 advances for seel. NASA is considering this as advantage the site for str. space flight Mounton, sit\$ to be selected Webb medicard that the space program will user SH believe over the west 13

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#### Navy Training Unit Receives 5 HSS-2s

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. Broaks Systems Devision, Bendin Corp., 947/000 feet a six months contract starting # Herval Color Charaton, 5173,000 for a floorers contact station Apr. 1. Nord Records Liberator, \$15 000 for consultants for wirkness recording.

Disarmament Bill Survives Senate Attacks Wielandon-Scotte has valed 75 to all Defense Department and Morrey

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#### Finland Negotiating Mirage IIIC Order

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#### AIR TRANSPORT

### CAB to Meet Trunk Presidents Informally

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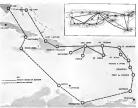


### Rotodyne-Z Designed for 75-Passenger Capacity





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### New Caribbean Carrier Maps Route Plans

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### REPORT:

Shell reports on three new lubricants that improve aircraft operation-and two new developments that improve aircraft service











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#### House Group, Senate Are Divided On Future Role of Supplementals

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#### The de Havilland TRIDENT

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HAWKER SIDDELEY AVIATION

#### British Stress Mach 2.2 Airliner's Assets

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\* Claimed Als Lines expects to solance out ats Various Viscouse tradecomp.

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ANATION WEEK and SPACE TECHNOLOGY, Busineline 18, 1948



LIFT and THRUST from ONE ENGINE—the revolutionary Pegasus turbofan The new Bratel Siddely Pryson high-ratio terbolics represents a major sugar-ratio breakthrough as the field

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High le-pure ratio gives high threat for low weight, low feel consumption and low noise level.

Conventional metallistics, Operational simplicity, Infomical of all fixed ground metallistics.

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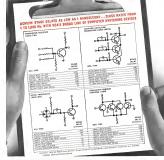
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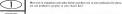
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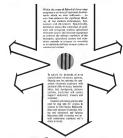
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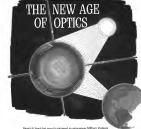
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## LETTERS Asiato: Firsk artistees the spinkers of its continues the tenor report in the seegarine's referred schoons, 460 tribre to the Edder, Seigion Feel, SM F. God Sr. New York 36, N. J. 230 F. 62nd Sr. New York pt. 7. S. Try to keep better under 100 servels and constraints. Fr will Try to keep believe under 100 meets and gue a granter alemblectum. We will not prior monomius betwee, but nomes

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